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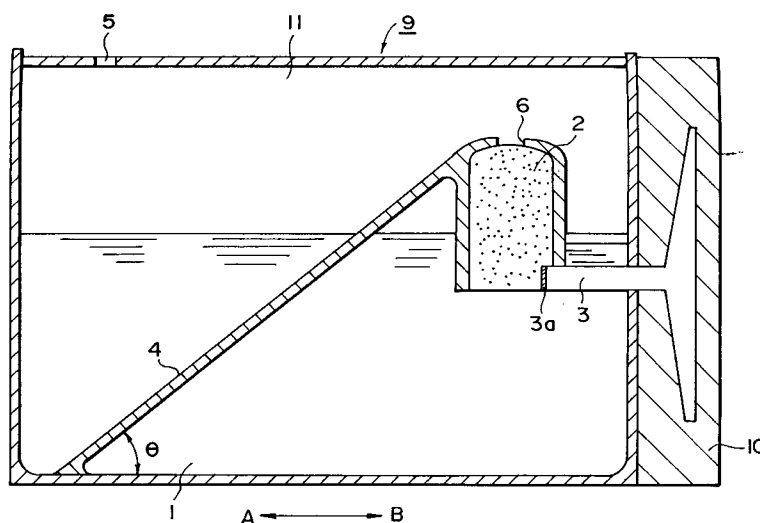
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(54) **Ink jet cartridge with an improved ink tank and ink jet apparatus equipped with the cartridge.**

(57) A slope (4) is provided inside an ink tank (11) of an exchangeable ink jet head cartridge (10) arranged in a scan-type ink jet apparatus. An acceleration of the ink jet head cartridge (10) scanned for recording

and an inertia of ink are utilized to allow the ink to climb the slope (4), whereby the ink can be favorably supplied to a recording head.

**FIG. 1****EP 0 510 665 A3**



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## EUROPEAN SEARCH REPORT

Application Number

EP 92 10 7023

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X A	US-A-4 471 364 (R.H. KOCOT) * the whole document * ---	1-4, 12 7-9, 13	B41J2/175
A, D	US-A-4 345 262 (Y. SHIRATO) * the whole document * -----	6, 11	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B41J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 NOVEMBER 1992	Examiner G. v/d MEERSCHAUT
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document			